

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-7 (Canceled)

Claim 8 (Currently Amended): An optical disc having a data format, comprising:
a first error correction code (ECC) data structure including at least a user data and
control information disposed in a first error correction code (ECC) block;
a second ECC data structure including at least an ID information of a physical sector
disposed in a second ECC block, the first and second ECC blocks are error correction coded
independently; and

wherein the first and second ECC blocks are expressed on the disc in a same physical
data cluster, and accessed from the optical disc by a reproducing device employing the first
and second ECC data structures of the physical data cluster to correct errors encountered in
accessing data from the disc.

Claim 9 (Previously Presented): The optical disc as set forth in claim 8, wherein the
the first and second ECC blocks include an error correcting code having a long distance code
(LDC) in a same direction as the expression of user data on the disc.

Claim 10 (Previously Presented): An optical disc having a data format, comprising:
an ECC data structure including at least a user data, control information, and ID
information of a physical sector, the user data, control information and ID information, each

being disposed in a respective ECC block, each respective ECC block are error correction coded independently;

wherein each respective ECC block is expressed on the disc in a same physical data cluster.

Claim 11 (Previously Presented): The optical disc as set forth in claim 10, wherein the ECC data blocks include an error correcting code having a long distance code (LDC) in a same direction as the expression of user data on the disc.

Claim 12 (Currently Amended): An optical disc having a data format, comprising:
a first error correction code (ECC) data structure including at least a user data disposed in a first error correction code (ECC) block; and

a second ECC data structure including at least a control information, and ID information of a physical sector disposed in a second ECC block, the first and second ECC blocks are error correction coded independently;

wherein the first and second ECC blocks are expressed on the disc in a same physical data cluster, and accessed from the optical disc by a reproducing device employing the first and second ECC data structures of the physical data cluster to correct errors encountered in accessing data from the disc.

Claims 13-18 (Canceled)

Claim 19 (Previously Presented): A method of writing to an optical disc, the method comprising:

forming ECC blocks including, user data, control information, and ID information of a physical sector, each being disposed in a respective one of the ECC blocks;

coding each respective ECC block independently for error correction,

expressing each ECC block in a single physical data cluster on the disc, and the ID information operative to identify physical sectors of the physical data cluster.

Claim 20 (Previously Presented): The optical disc of Claim 8, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors of the same physical data cluster.

Claim 21 (Previously Presented): The optical disc of Claim 10, wherein the ID information is operative to synchronize and address physical sectors of the same physical data cluster.

Claim 22 (Previously Presented): The optical disc of Claim 12, wherein the ID information of the second ECC block is operative to synchronize and address physical sectors of the same physical data cluster.